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Application Number 10/538,816

Filling Date June 13, 2005

First Named Inventor Brereton et al.

Art Unit

Examiner Name

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Sheet	1	of	6	Attorney Docket Number	60130-2474
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Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials"	140.	Number-Kind Code <sup>2 (if known)</sup>	Applicant of Orea Bosamont	Figures Appear	
		<sup>US-</sup> 2,606,036	08-05-1952	Collender	
		<sup>US-</sup> 2,635,896	04-21-1953	Tantlinger	
		US- 3,434,707	03-25-1969	Raidel	
		<sup>US-</sup> 4,174,855	11-20-1979	Vandenberg	
		<sup>US-</sup> 4,371,190	02-01-1983	Vandenberg	
		<sup>US-</sup> 4,427,213	01-24-1984	Raidel Jr.	
		<sup>US-</sup> 4,494,771	01-22-1985	Raidel	
		<sup>US-</sup> 4,504,080	03-12-1985	VanDenberg	
		<sup>US-</sup> 4,529,224	07-16-1985	Raidel	
		<sup>US-</sup> 4,541,643	09-17-1985	Pavincic	
		<sup>US-</sup> 4,566,719	01-28-1986	Van Denberg	
		<sup>US-</sup> 4,691,937	09-08-1987	Raidel	
		<sup>US-</sup> 4,722,549	02-02-1988	Raidel	
		<sup>US-</sup> 4,763,923	08-16-1988	Raidel	
		us- 4,991,868	02-12-1991	VanDenberg	
		us- 5,002,305	03-26-1991	Raidel	
		<sup>US-</sup> 5,127,668	07-07-1992	Raidel	
		<sup>US-</sup> 5,171,036	12-15-1992	Ross	
		<sup>US-</sup> 5,464,245	11-07-1995	Vogler	

•		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	۳⁵
		WO 97/06022	02-20-1997	Nai Neway		
		WO 00/01548	01-13-2000	The Boler Company		
		WO 98/17487	04-30-1998	Nai Neway		
		DE 1 933 469	01-14-1971	Vorrichtung zum		
		DE 31 19 022	12-02-1982	Piederstorfer		
		EP 0 458 665	04-17-1991	Automobiles Peugeot		Г

Examiner	/Timothy Wilhelm/	Date OF	2/27/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

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Sheet 2

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/538,816	
Filing Date	June 13, 2005	
First Named Inventor	Brereton et al.	
Art Unit		
Examiner Name		
Attorney Docket Number	60130-2474	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5,810,377	09-22-1998	Keeler et al.	
		<sup>US-</sup> 5,950,971	09-14-1999	Koumbis et al.	
		<sup>US-</sup> 5,996,981	12-07-1999	Dilling	
		<sup>US-</sup> 6,264,231	07-24-2001	Scully	
		<sup>US-</sup> 6,425,593	07-30-2002	Fabris et al.	
		<sup>US-</sup> 6,508,482	01-21-2003	Pierce et al.	
		<sup>US-</sup> 1,325,832	12-23-1919	Coburn	
		<sup>US-</sup> 2,011,239	08-13-1935	Christman	
	1	<sup>US-</sup> 2,163,981	06-27-1939	Lawrence	
		US- 2,877,010	03-10-1959	Gouirand	
		<sup>US-</sup> 2,913,252	11-17-1959	Norrie	
		<sup>US-</sup> 2,993,707	07-25-1961	Vaugoyeau	
		<sup>US-</sup> 3,140,880	07-14-1964	Masser	
		<sup>US-</sup> 3,547,215	12-15-1970	Bird	
		us- 3,594,017	07-20-1971	Grosseau	
		us- 3,630,541	12-28-1971	Carlson	
		<sup>US-</sup> 3,707,298	12-26-1972	Henry et al.	
		<sup>US-</sup> 3,771,812	11-13-1973	Pierce et al.	
		<sup>US-</sup> 3,785,673	01-15-1974	Harbers Jr. et al.	

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
		EP 0 600 198	06-08-1994	The Boler Company		
		FR 2 755 065	10-29-1997	Iveco Fiat		
		GB 2 355 698	05-02-2001	Meritor Heavy Vehicle		
		FR 2 397 298	02-09-1979	Societe Anonyme		

Examiner Signature	/Timothy Wilhelm/	Date Considered	05/27/2008

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

Complete if Known				
Application Number	10/538,816			
Filing Date	June 13, 2005			
First Named Inventor	Brereton et al.			
Art Unit				
Examiner Name				
Attornov Dooket Number	60120 2474			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 3,961,826	06-08-1976	Sweet et al.	
		<sup>US-</sup> 4,027,898	06-07-1977	Steen	
		<sup>US-</sup> 4,061,362	12-06-1977	Bufler	
		<sup>US-</sup> 4,065,153	12-27-1977	Pringle	
		<sup>US-</sup> 4,166,640	09-04-1979	Van Denberg	
		<sup>US-</sup> 4,293,145	10-06-1981	Taylor	
		<sup>US-</sup> 4,310,171	01-12-1982	Merkle	
		<sup>US-</sup> 4,352,509	10-05-1982	Paton et al.	
		<sup>US-</sup> 4,415,179	11-15-1983	Marinelli	
		<sup>US-</sup> 4,537,420	08-27-1985	Ito et al.	
		<sup>US-</sup> 4,693,486	09-15-1987	Pierce et al.	
		<sup>US-</sup> 4,878,691	11-07-1989	Cooper et al.	
		<sup>US-</sup> 4,902,035	02-20-1990	Raidel	
		US- 4,943,081	07-24-1990	Golpe	
		us- 5,029,885	07-09-1991	Steiner	
		<sup>US-</sup> 5,037,126	08-06-1991	Gottschalk et al.	
		<sup>US-</sup> 5,058,916	10-22-1991	Hicks	
		<sup>US-</sup> 5,112,078	05-12-1992	Galazin et al.	
		<sup>US-</sup> 5,203,585	04-20-1993	Pierce	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
Tinduio 14		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ <sup>6</sup>	
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Examiner Signature	/Timothy Wilhelm/	Date (){ Considered	5/27/2008
Signature	, , , , , , , , , , , , , , , , , , ,	Considered	

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10/538,816

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Sheet 4

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Filing Date June 13, 2005

First Named Inventor Brereton et al.

Art Unit Examiner Name

Attorney Docket Number 60130-2474

Application Number

Examiner	Cite	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan
		Number-Kind Code <sup>2 (# known)</sup>			Figures Appear
		<sup>US-</sup> 5,366,237	11-22-1994	Dilling et al.	
		<sup>US-</sup> 5,375,871	12-27-1994	Mitchell et al.	
		<sup>US-</sup> 5,403,031	04-04-1995	Gottschalk et al.	
		<sup>US-</sup> 5,443,280	08-22-1995	Kawaguchi et al.	
-		<sup>US-</sup> 5,639,110	06-17-1997	Pierce et al.	
		<sup>US-</sup> 5,690,353	11-25-1997	Vandenberg	
		<sup>US-</sup> 5,720,489	02-24-1998	Pierce et al.	
		<sup>US-</sup> 5,785,345	07-28-1998	Barlas et al.	
		<sup>US-</sup> 5,887,881	03-30-1999	Hatch	
		<sup>US-</sup> 5,921,570	07-13-1999	Lie	
		<sup>US-</sup> 5,938,221	08-17-1999	Wilson	
		<sup>US-</sup> 5,944,339	08-31-1999	McKenzie et al.	
		<sup>US-</sup> 5,954,351	09-21-1999	Koschinat	
•		<sup>US-</sup> 5,988,672	11-23-1999	VanDenberg	
		us- 6,039,336	03-21-2000	Frey	
		us- 6,062,578	05-16-2000	Richardson	
		<sup>US-</sup> 6,073,946	06-13-2000	Richardson	
		<sup>US-</sup> 6,123,349	09-26-2000	Depue	
		<sup>US-</sup> 6,209,895	04-03-2001	Mueller et al.	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
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Sheet 5

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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INFORM	IATION DISCLOSURE	Filing Date	June 13, 2005				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		First Named Inventor	Brereton et al.				
		Art Unit					
		Examiner Name					
hoot 5	of 6	Attorney Docket Number	60130-2474				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 2003/0146592	08-07-2003	Chalin et al.	
		<sup>US-</sup> 2004/0051268	03-18-2004	Chan et al.	
		<sup>US-</sup> 6,129,367	10-10-2000	Bublies et al.	
		<sup>US-</sup> 5,658,005	08-19-1997	Kleinschmit et al.	
		<sup>US-</sup> 5,800,024	09-01-1998	Steimmel et al.	
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>	

Examiner Signature	/Timothy Wilhelm/	Date Considered	05/27/2008	

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INFORMATION DISCLOSURE	Filing Date	Ţ
STATEMENT BY APPLICANT	First Named Inventor	]
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nplete if Known 10/538,816 June 13, 2005 Brereton et al. **Examiner Name** Attorney Docket Number 60130-2474

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Daytonair Truckmaster Suspension Brochure (Prior Art)	
		Eaton Axle and Brake Brochure and Information - 1989	
		Fruehauf Cargo Care and Pro Par Suspension Brochure (Prior Art)	
		GMC Astro-Air Suspension Brochure and Information (Prior Art)	
		HT Series Suspension Brochure (Prior Art)	
		Hutchens & Sons Suspensions Brochure (Prior Art)	
		Rockwell International ROR Bogie Assemblies Brochure	
		United Kingdom Search Report dated February 18, 2003.	

Examiner /Timothy Wilhelm/ Signature	Date Considered	05/27/2008
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

